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FORMAL DRAWINGS (18 SHEETS)



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Title: **AN APPARATUS FOR IDENTITY VERIFICATION,
A SYSTEM FOR IDENTITY VERIFICATION, A CARD
FOR IDENTITY VERIFICATION AND A METHOD FOR
IDENTITY VERIFICATION, BASED ON IDENTIFICATION
BY BIOMETRICS**

Attorney's
Docket No.: NAK1-BO25

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FIG.1A

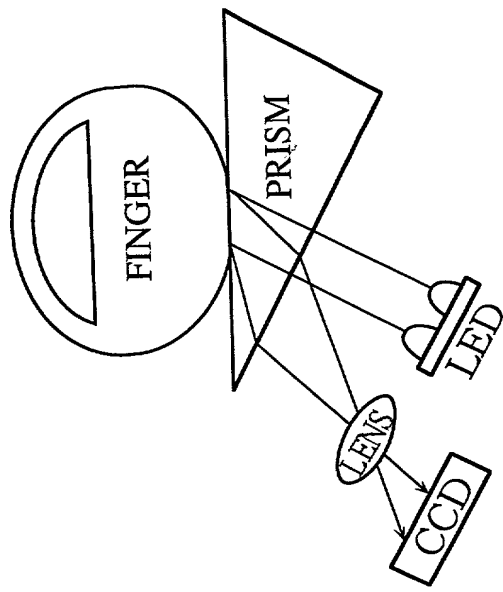


FIG.1B

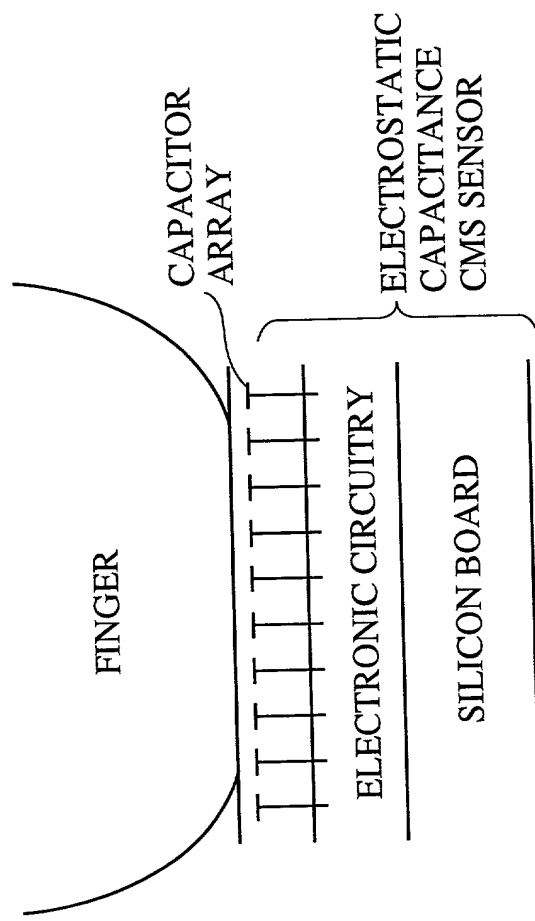


FIG. 2 is a block diagram of an electronic money network system 10. The system 10 includes a central electronic money network 20. The network 20 is connected to a verification server 30, a gateway 40, a portable telephone 50, a PDA 60, an ATM 70, a PC 80, and a hand 110. The network 20 is also connected to a store communications terminal 100 and a bank communications terminal 90. The verification server 30 includes a server rack and a computer monitor. The gateway 40 is a small box with an antenna. The portable telephone 50 is a mobile phone. The PDA 60 is a handheld device. The ATM 70 is an automated teller machine. The PC 80 is a desktop computer. The hand 110 is a hand holding a card. The store communications terminal 100 and bank communications terminal 90 are computer terminals.

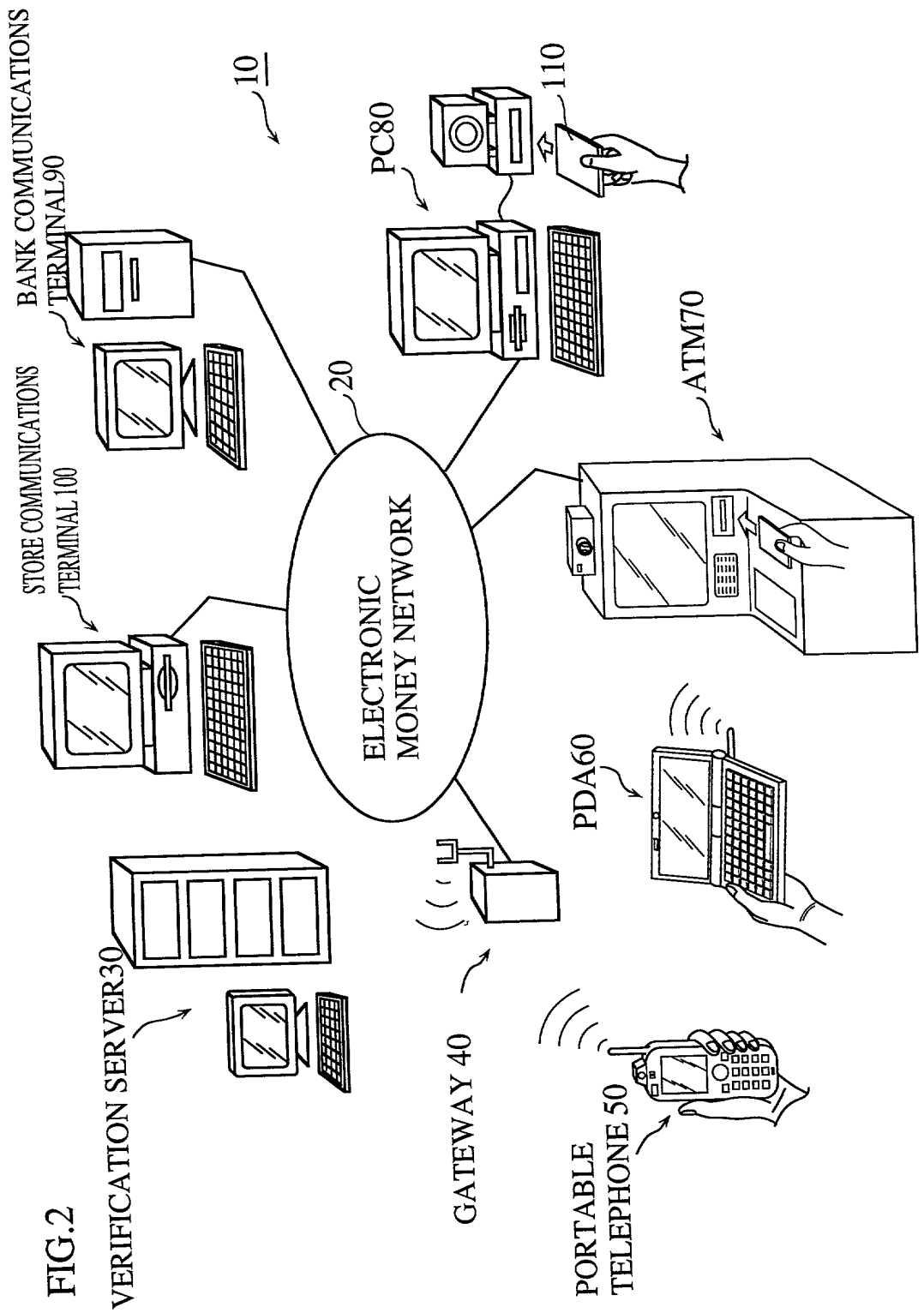


FIG. 2

FIG.3




PIC (PERSONAL IDENTIFICATION CODE)	ID DATA	BIOMETRIC IMAGE	CHARACTERISTIC DATA	OTHER
5678abcd124	NAME BIRTHDATE ADDRESS TELEPHONE NO. PASSWORD		bio_ID=RIGHT THUMB LOCATION OF CENTER, BRANCH POINT, END POINT, RIDGE DIRECTION	REGISTRATION DATE
			bio_ID=IRIS OF LEFT EYE IRIS CODE	REGISTRATION DATE
			bio_ID=IRIS OF RIGHT EYE IRIS CODE	REGISTRATION DATE

FIG.4A

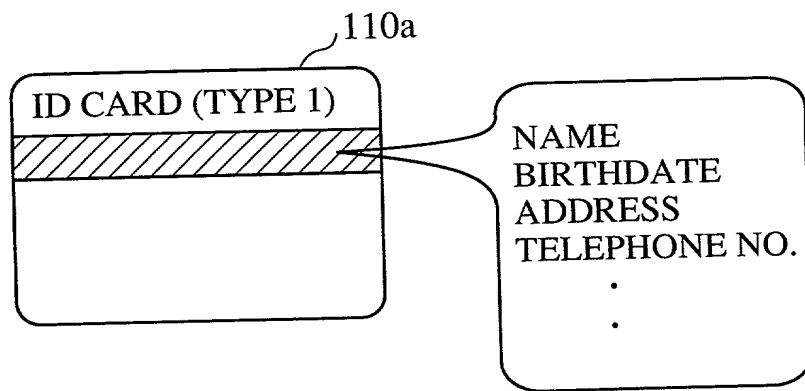


FIG.4B

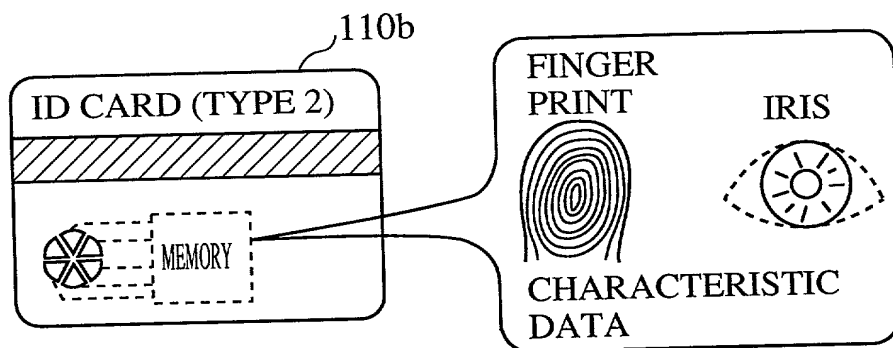


FIG.4C

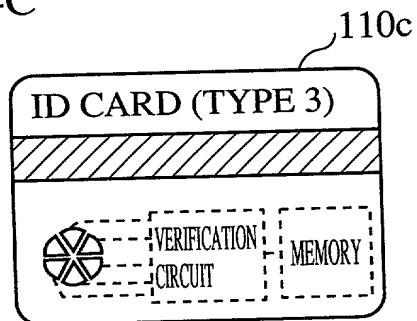


FIG. 5

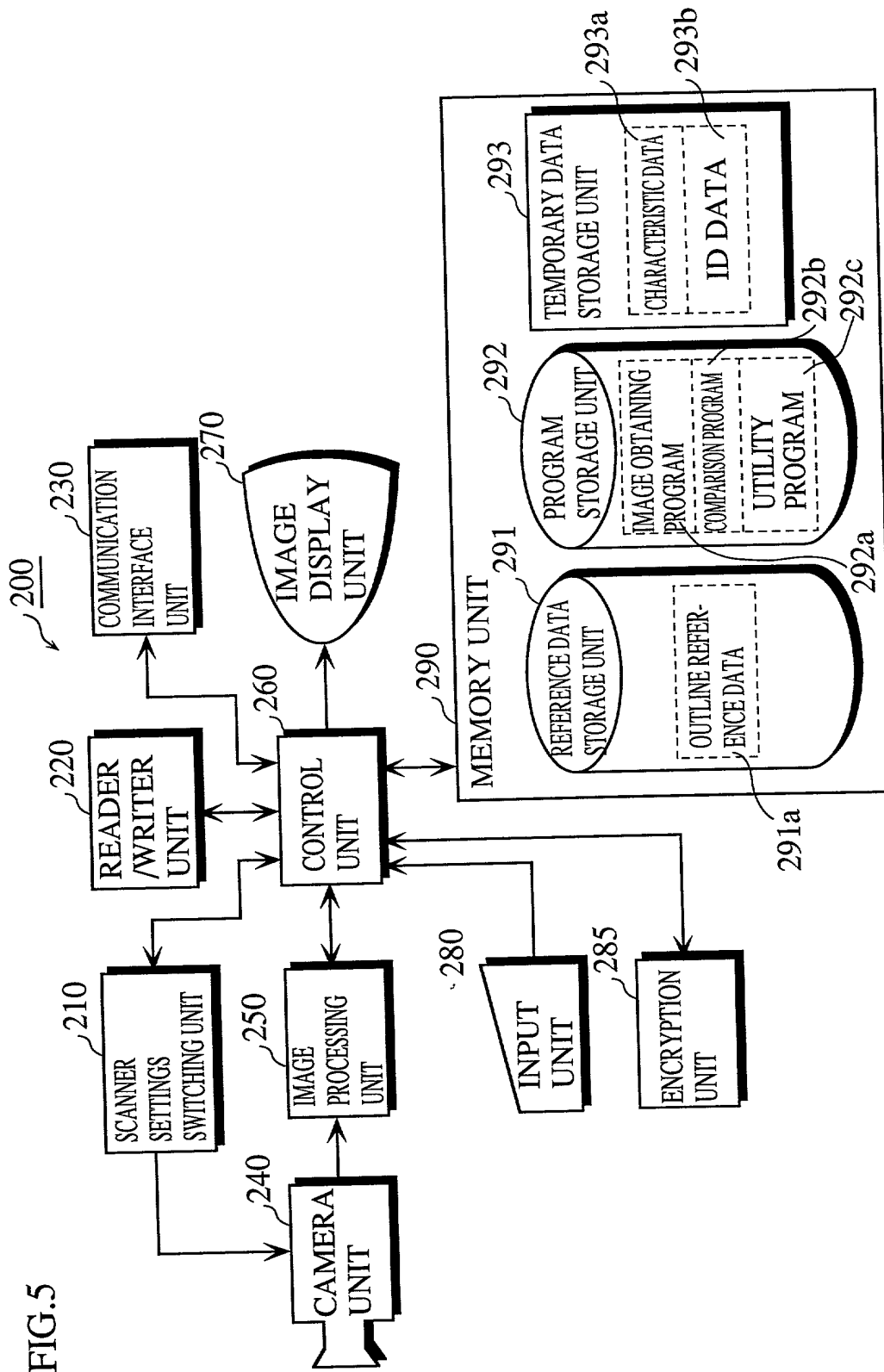


FIG.6

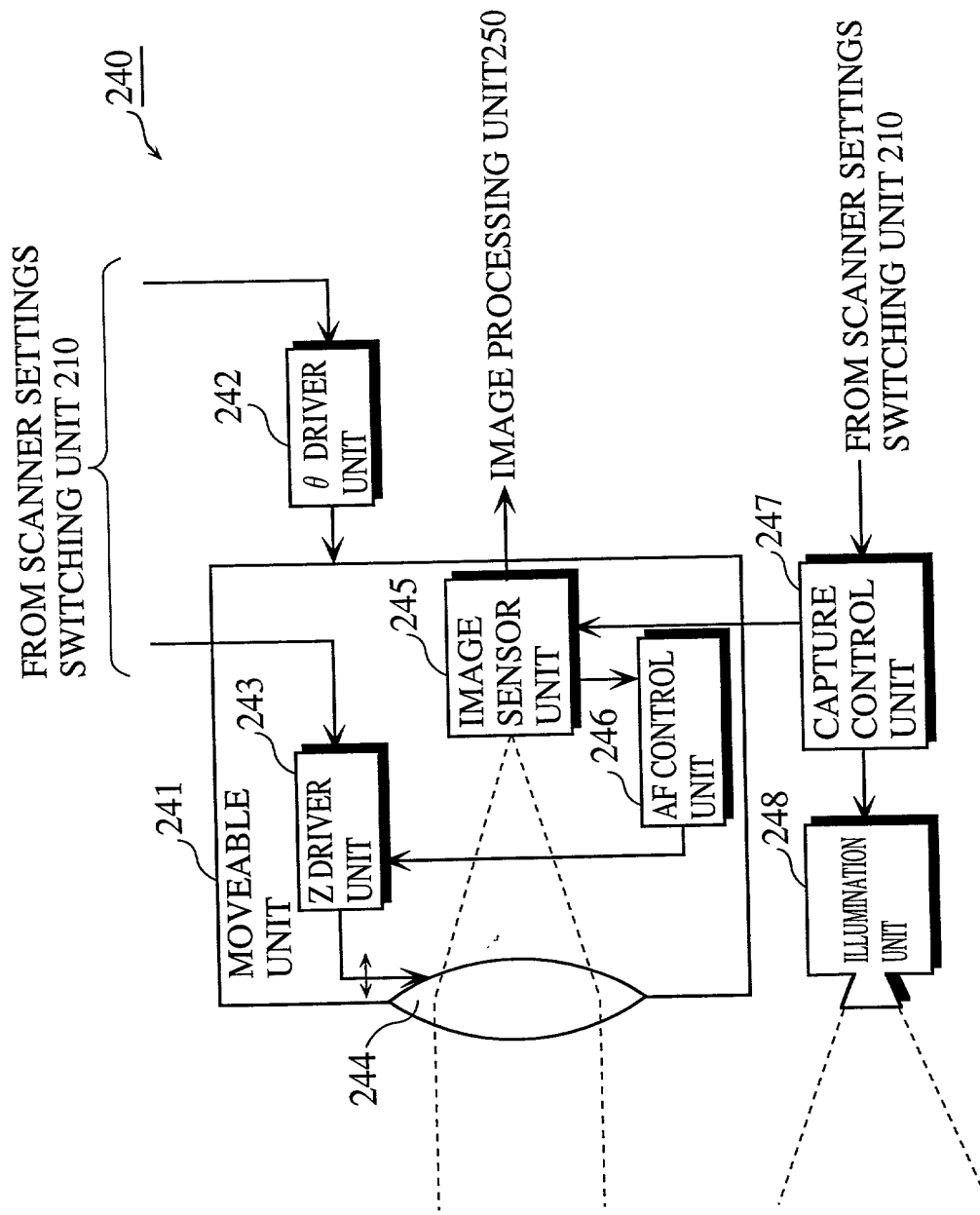


FIG.7

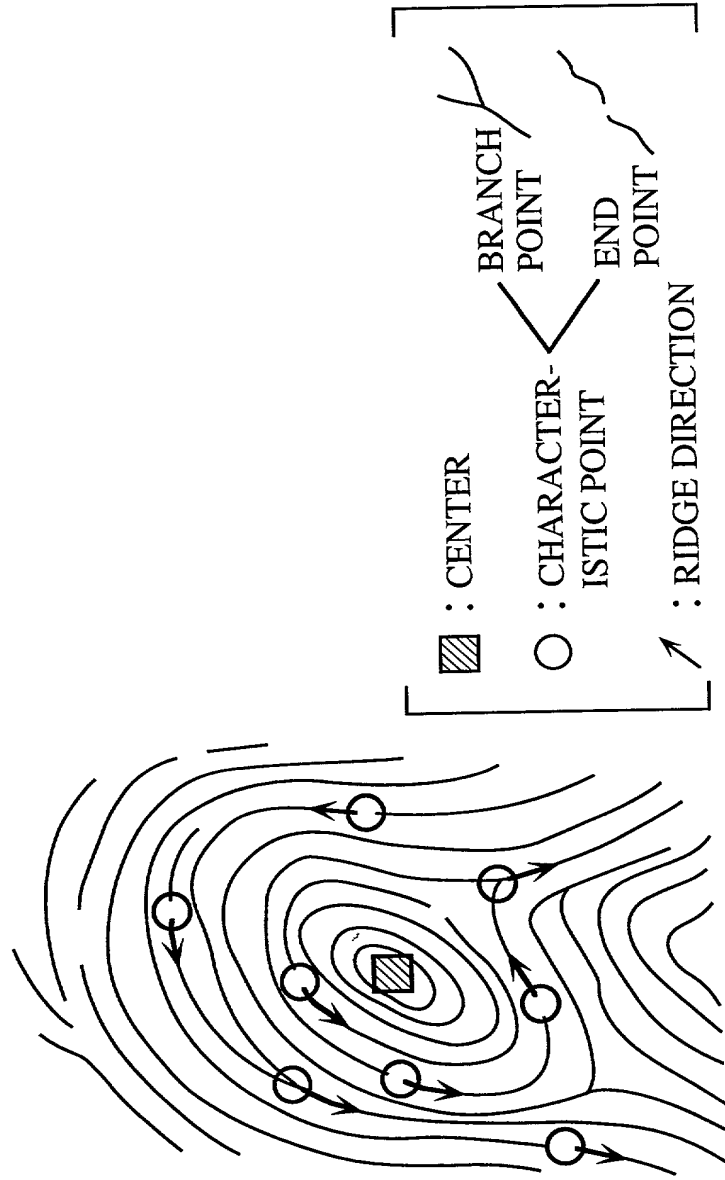


FIG.8

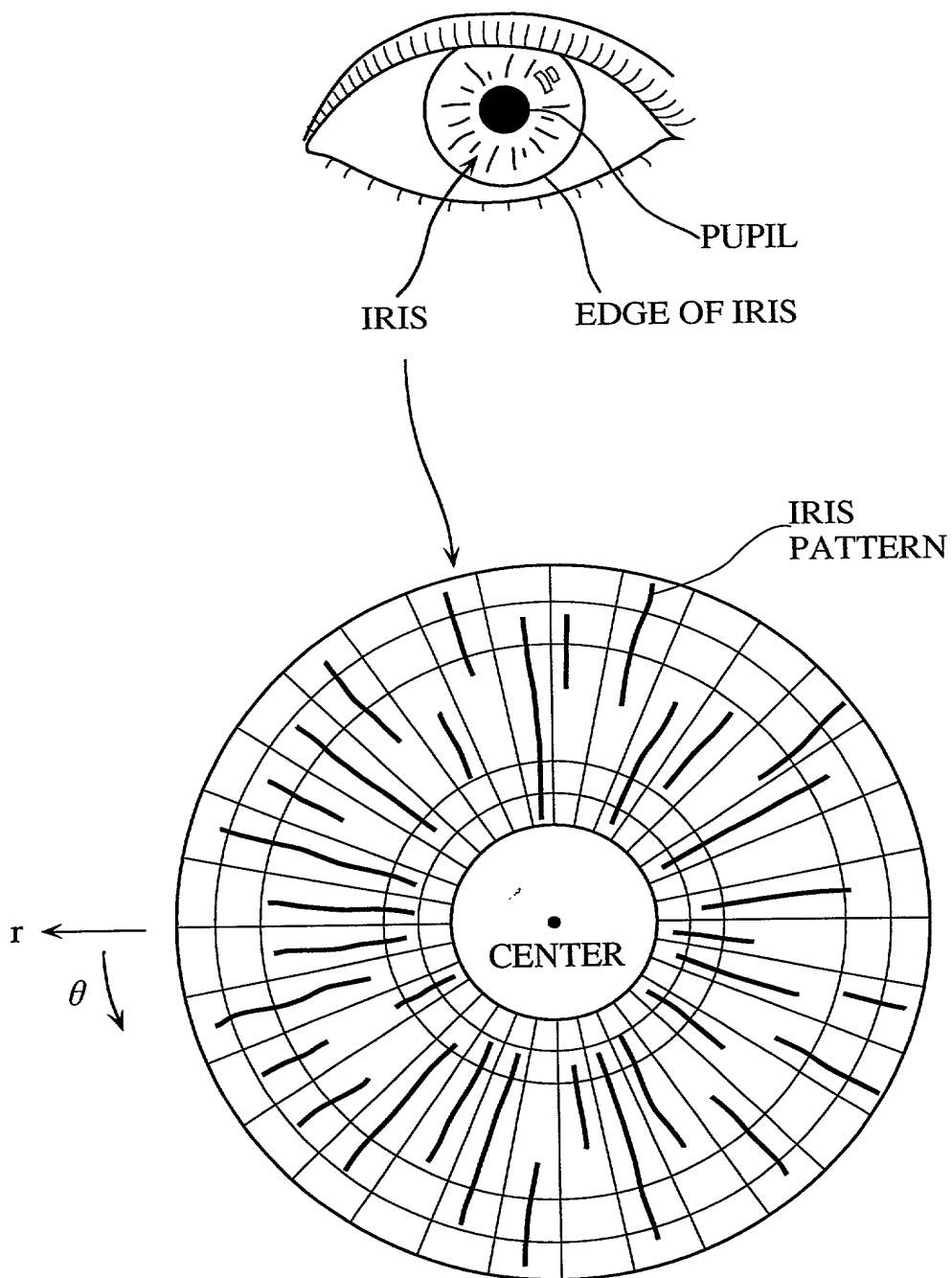


FIG.9

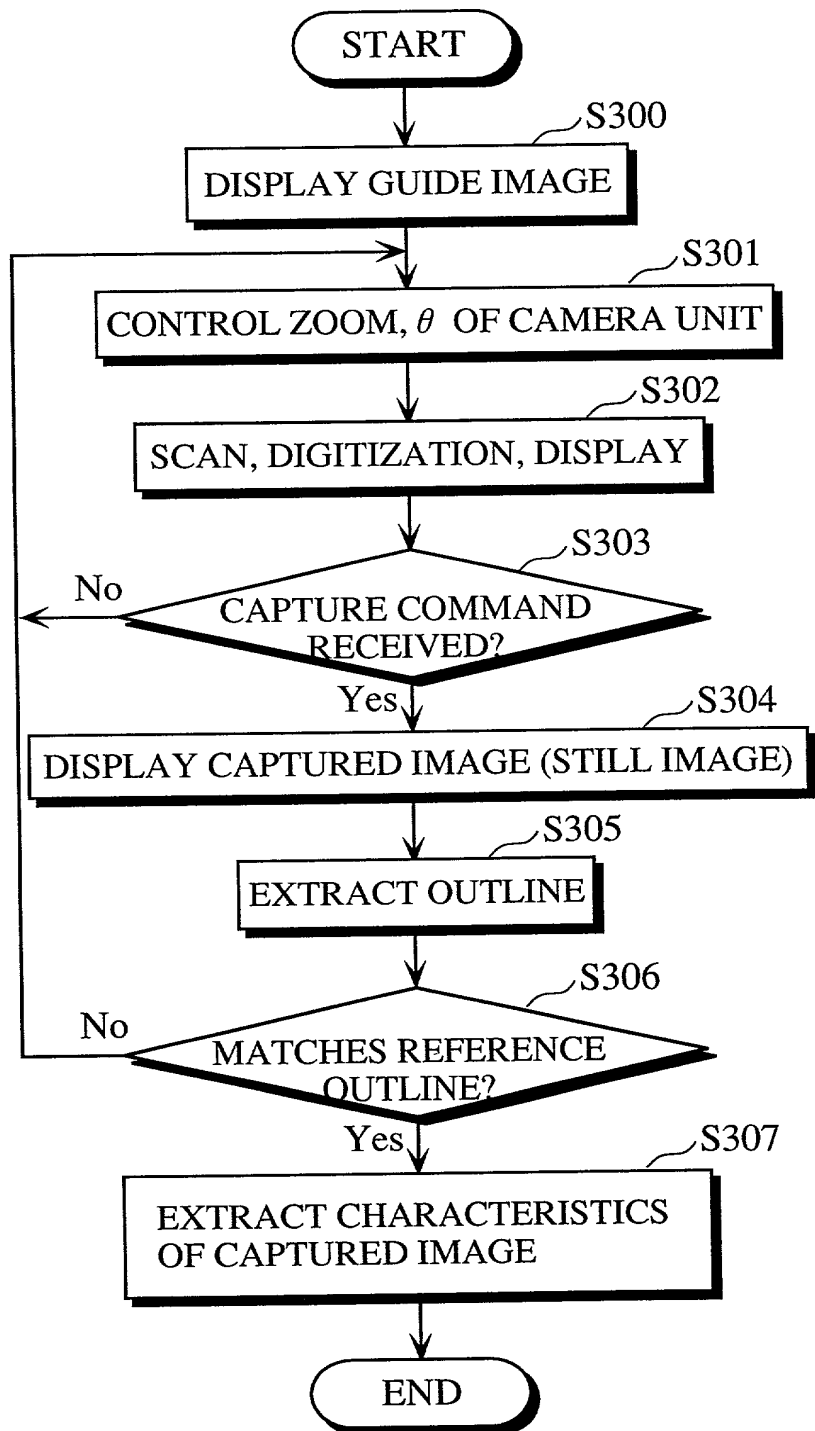


FIG.10

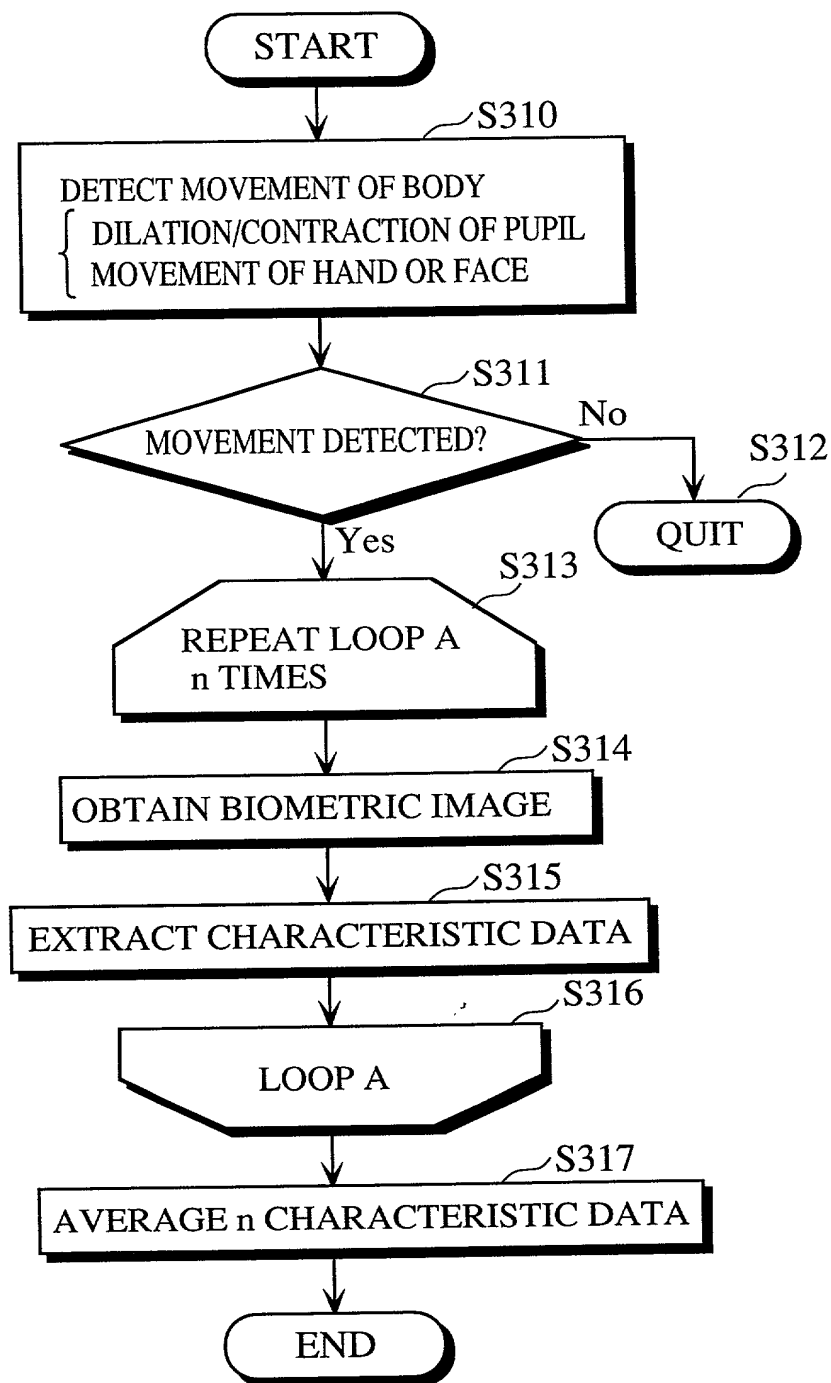


FIG.11

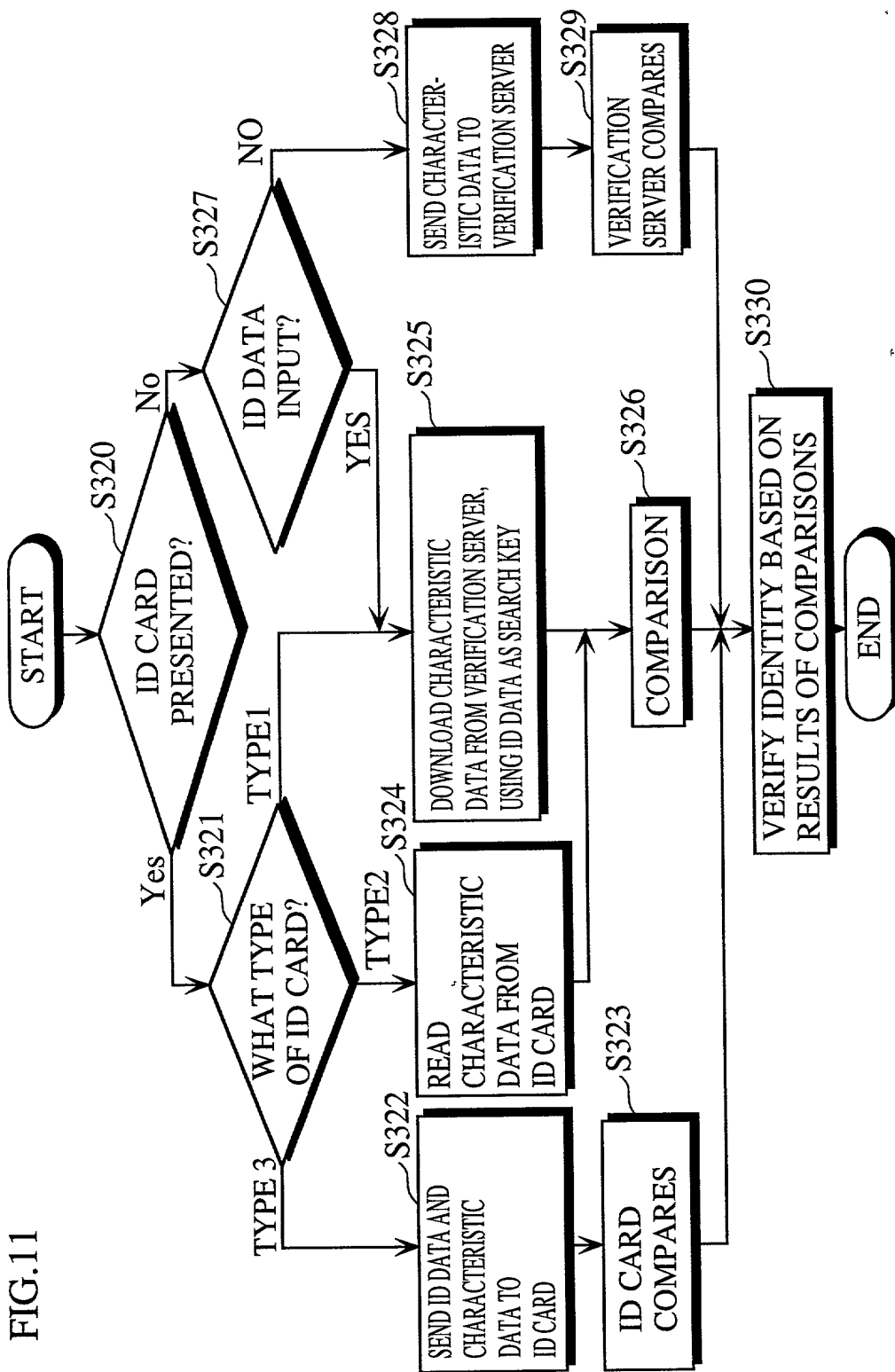


FIG.12

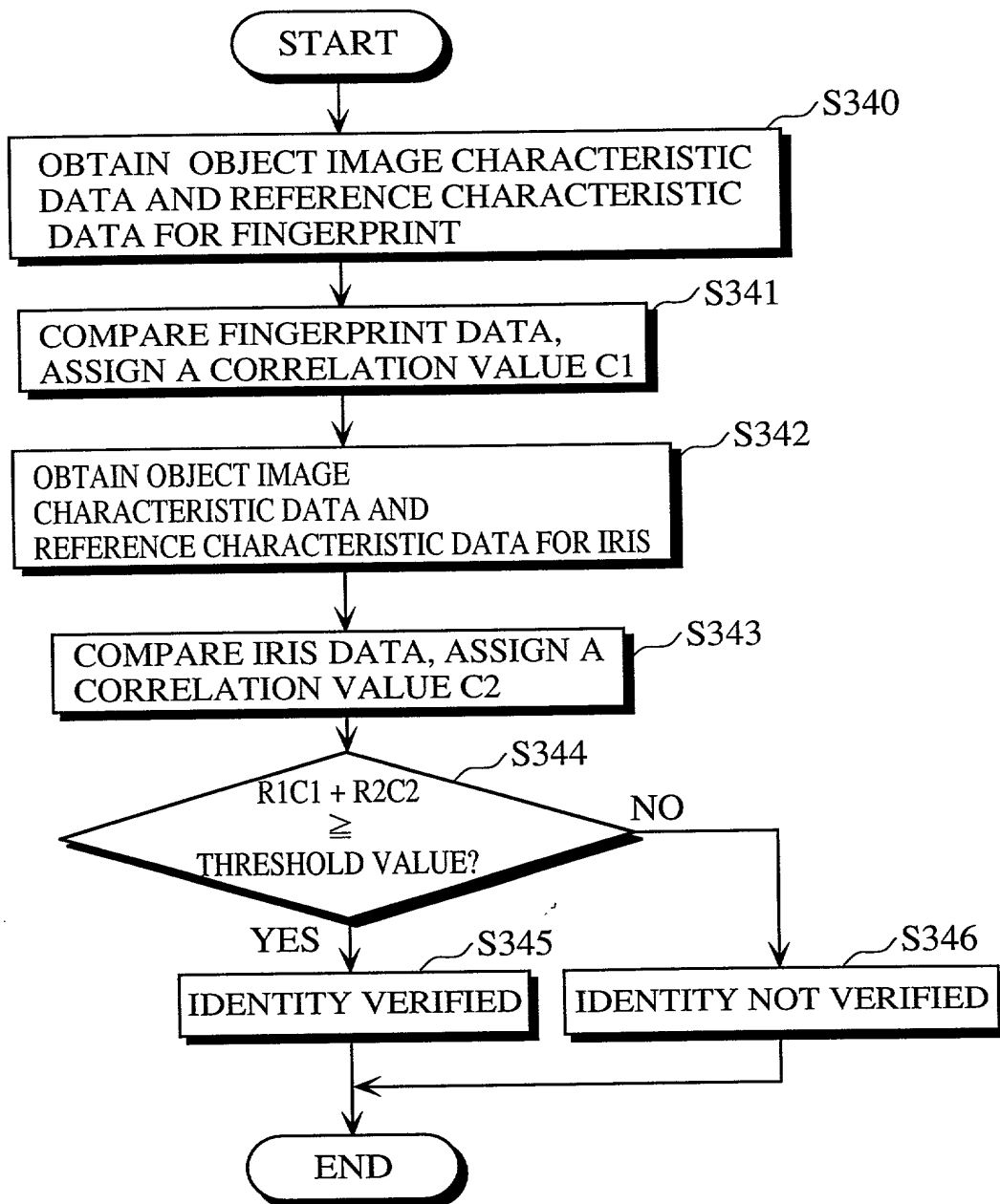


FIG.13

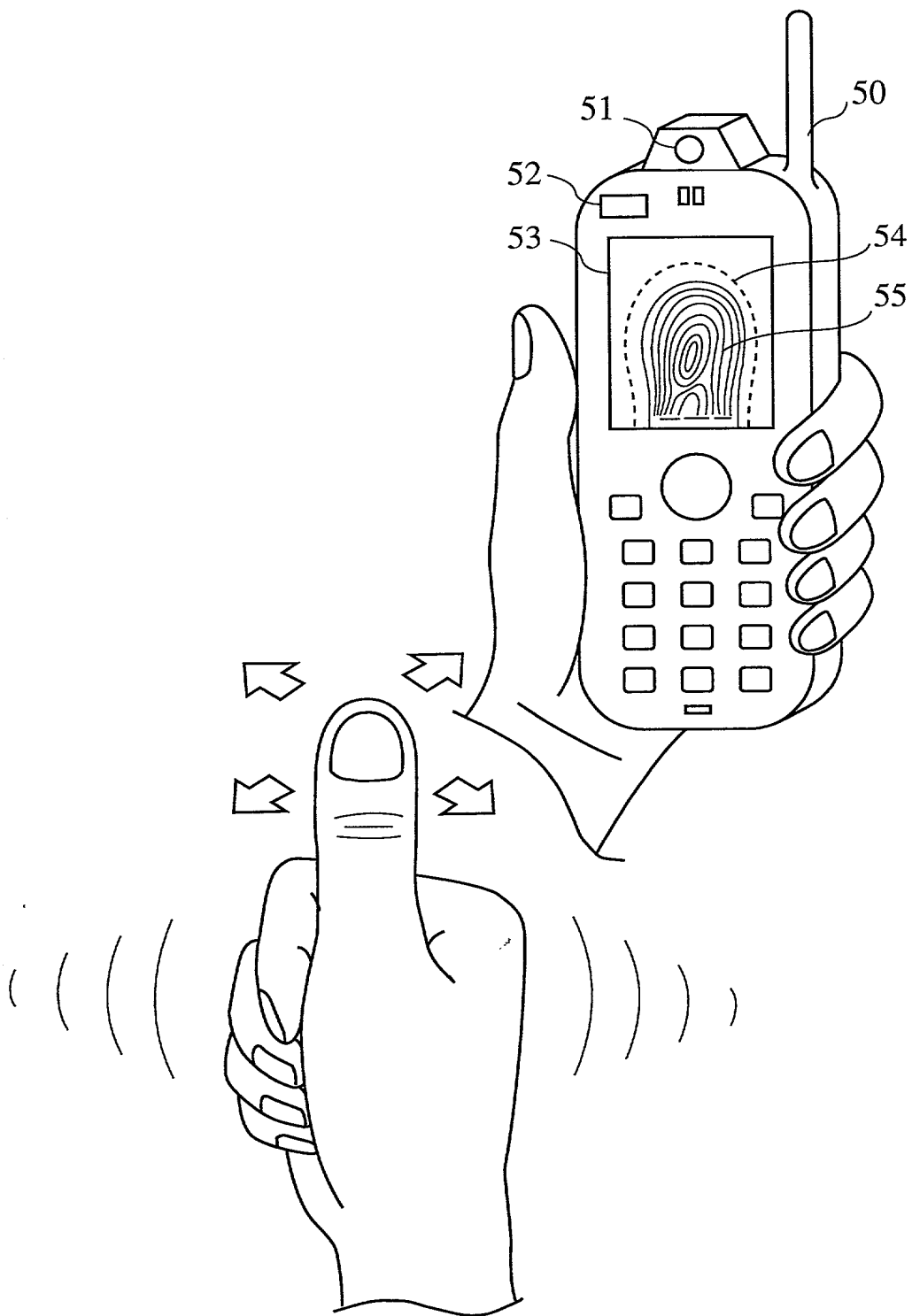
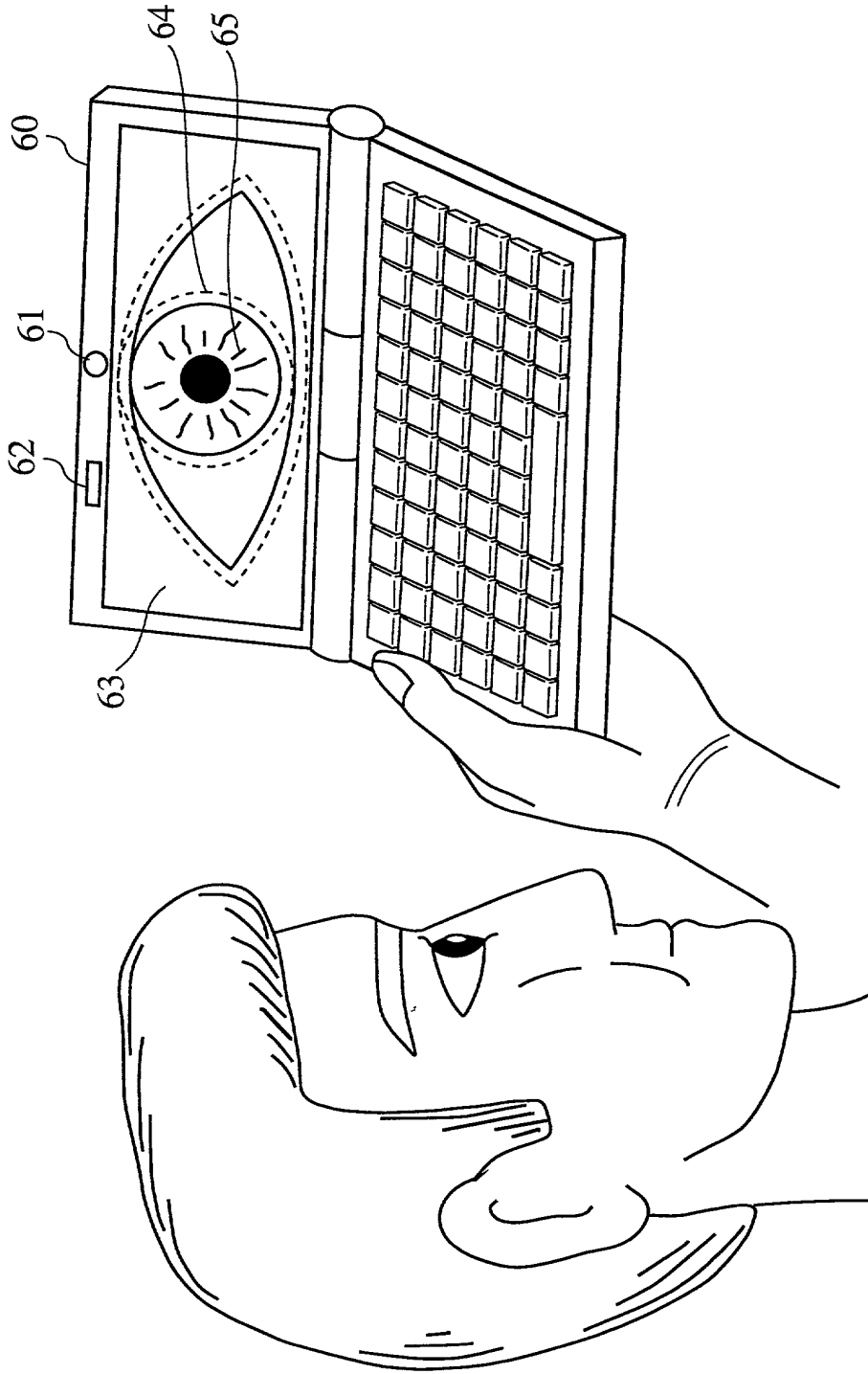


FIG.14



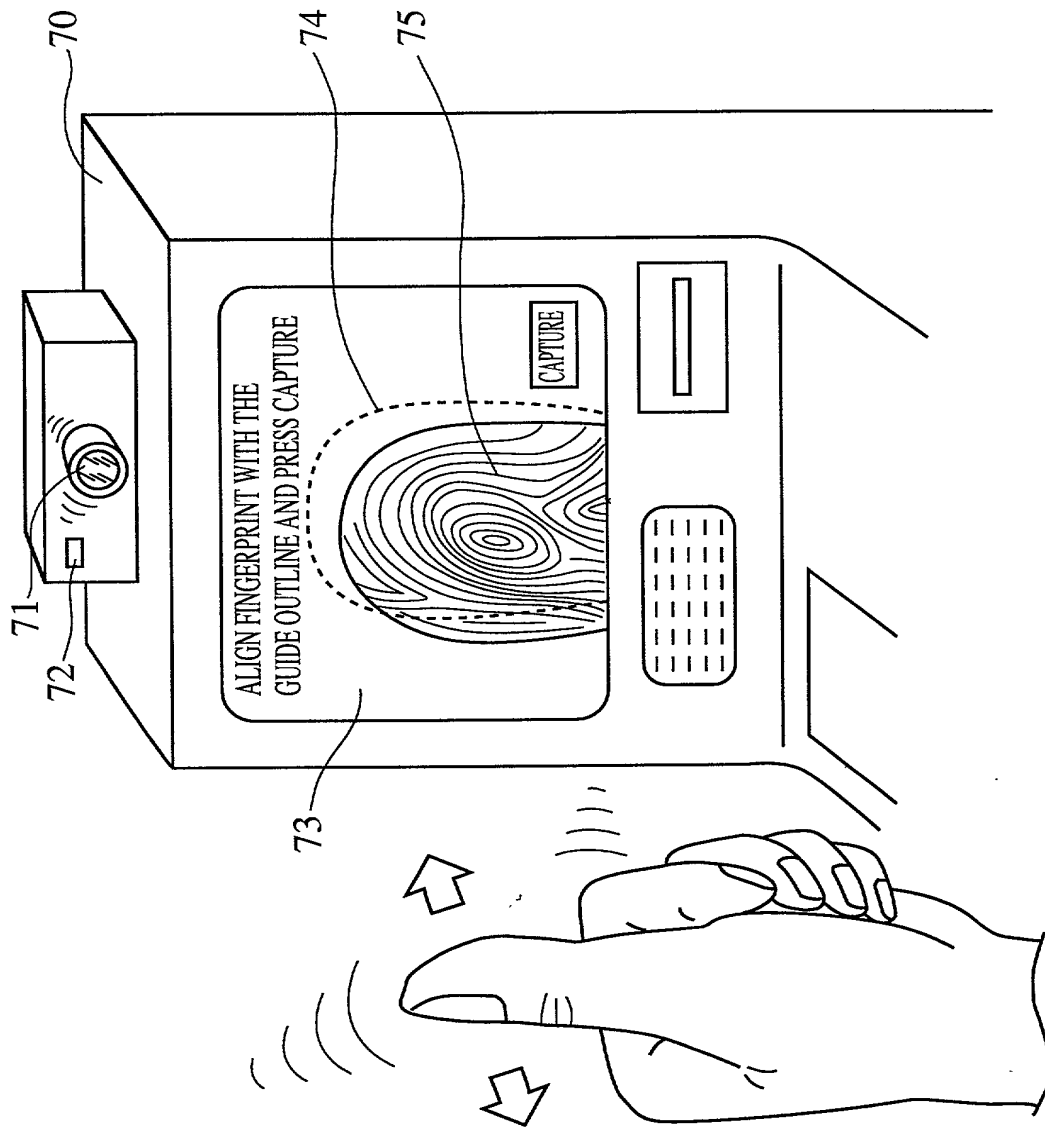


FIG.15

FIG.16

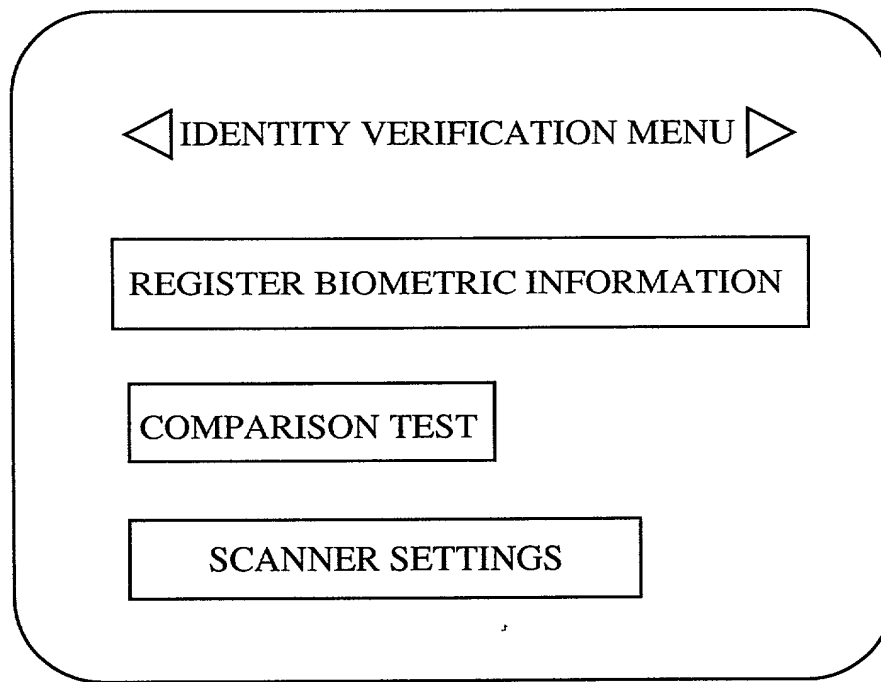


FIG.17A

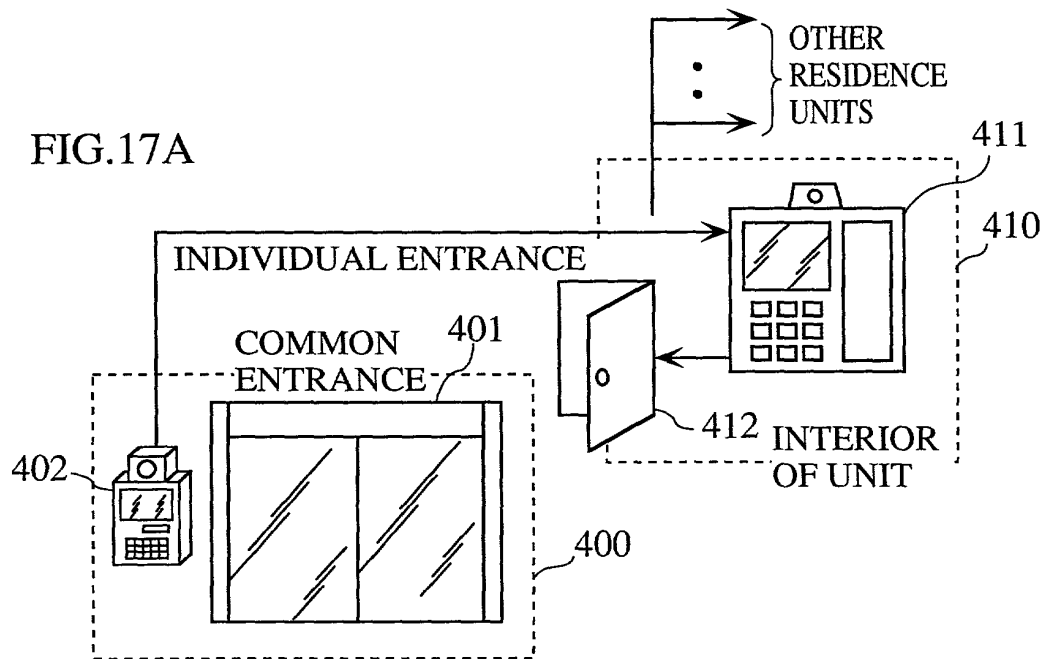


FIG.17B

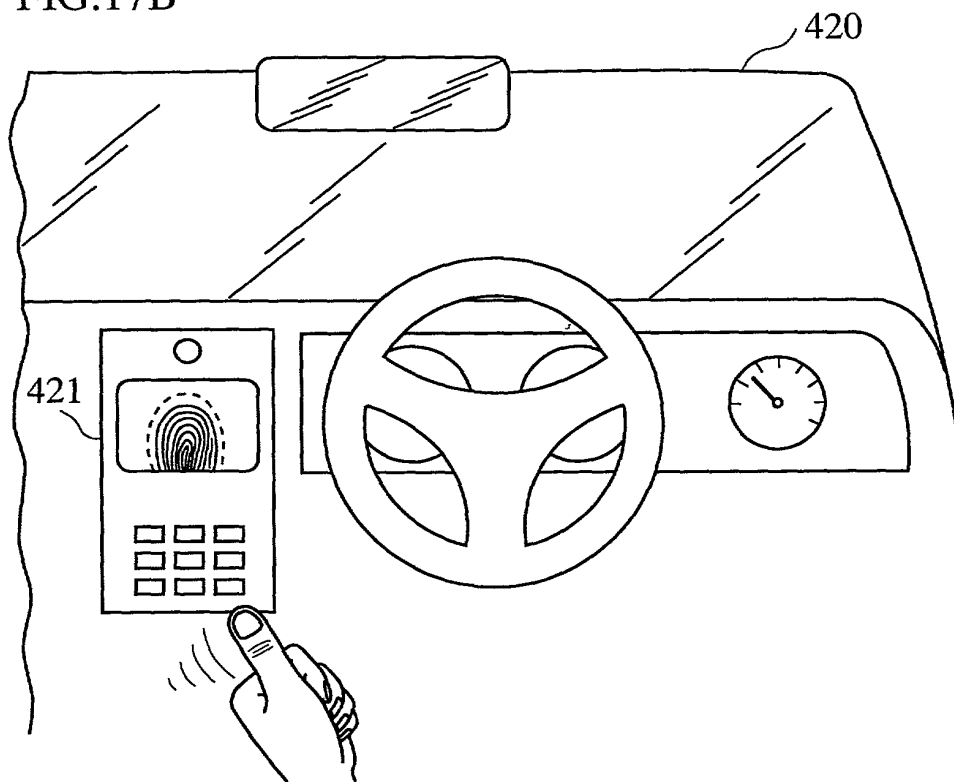


FIG.18

